

ABSTRACT

In case of making site selection diversity transmit power control, all handover base stations are enabled for transmission depending on a state of the transmission power value of a dedicated data signal from the base stations, thereby preventing a traffic capacity from decreasing due to an increase in the transmission power of a dedicated control signal at a non-transmitting base station, or a received signal quality from degrading at a mobile station because the transmission power value of the transmitting base station reaches a maximum transmission power of base station. A mobile station measures a common pilot signal and a dedicated control signal transmitted from each handover base station by means of a receiving monitor, estimates the transmission power value of the dedicated control signal at each handover base station from a difference thereof, and estimates a difference in the transmission power value of the dedicated control signal between the handover base stations. In the case where this difference is greater than or equal to a predetermined threshold value, a transmitting base station designating section designates all of the handover base stations to be enabled for transmission.

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